

REMARKS/ARGUMENTS

Reconsideration and withdrawal of the objections and rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 1-27 are pending. Claims 1 and 16 are independent. Claims 1, 4, 7, 8, 19 and 22-27 are hereby amended. No new matter is added by these amendments. Support for the amended recitations in the claims is found throughout the specification. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicant is entitled.

The drawings were objected to. Specifically, the Examiner stated that Fig. 5 contains errors concerning the labeling of elements. Applicant has added/removed/fixed descriptive legends of Fig. 5 to clearly disclose every element. A Replacement Sheet is attached at the end of this amendment. Applicant therefore respectfully requests that the objection to the drawings be withdrawn.

The specification was objected to. Specifically, the Examiner objected to the abstract of the disclosure. Applicant has amended the abstract. Applicant therefore respectfully requests that the objection to the abstract be withdrawn.

Claims 4, 8, 19 and 23 were objected to because of informalities. Applicant has amended claims 4, 8, 19 and 23. Applicant therefore respectfully requests that the objection to claims 4, 8 19 and 23 be withdrawn.

II. REJECTION UNDER 35 U.S.C. § 112

Claims 1-27 were rejected under 35 U.S.C. § 112, first paragraph, as allegedly failing to comply with the written description requirement.

Applicant has amended the appropriate claims, thereby obviating the rejection. Furthermore, the present specification provides support for the phrase “logically combining the received signal samples with the impulse response samples.” For example, claim 2 sets out what is meant with one example of logically combining the received signal samples and the impulse response. Therefore, it would be obvious to one skilled in the art on how to “logically combine” received signal samples and the impulse response.

Applicant respectfully requests the rejection under 35 U.S.C. § 112, first paragraph be withdrawn.

Therefore, Applicant submits that amended independent claim 1 is patentable.

For reasons similar to or somewhat similar to those described above with regard to independent claim 1, independent claim 16 is also believed to be patentable.

Therefore, Applicant submits that independent claims 1 and 16 are patentable.

III. DEPENDENT CLAIMS

The other claims are dependent from one of the independent claims, discussed above, and are therefore believed patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

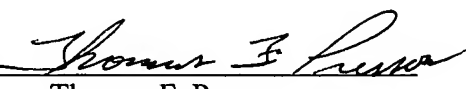
CONCLUSION

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicant respectfully requests early passage to issue of the present application.

Respectfully submitted,

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